

708.03.09 Additional Watering of Sod. The Contractor shall monitor the water needs of the sod to maintain adequate moisture in the upper 4 in. of soil. When additional watering is necessary, the Engineer shall be notified, and if the Engineer concurs, the Contractor shall begin watering immediately.

708.04 MEASUREMENT AND PAYMENT.

708.04.01 Sodding will be measured and paid for at the Contract unit price per square yard. The payment will be full compensation for all sod, initial waterings, staking, liming, fertilizing, refertilizing, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

708.04.02 Additional Watering of Sod. Additional Watering of Sod will be measured and paid for at the Contract unit price per 1000 gal of water applied to the sod. Water will be measured by means of satisfactorily installed meters, or by measurements of tank capacities, or by acceptable documentation of tanks of predetermined capacity. The Contractor shall furnish the Engineer's representative with measurement and capacities to provide a complete and accurate record of the quantity of water furnished and applied. The payment will be full compensation for all water, material, labor, equipment, tools, and incidentals necessary to complete the work. No compensation will be allowed for water wasted or excess watering as determined by the Engineer.

SECTION 709 — SOIL STABILIZATION MATTING

709.01 DESCRIPTION. This work shall consist of furnishing, placing and securing matting on seeded areas, as specified in the Contract Documents or as directed by the Engineer.

709.02 MATERIALS.

| | |
|--|-----------|
| Type A Soil Stabilization Matting | 920.06 |
| Type B Soil Stabilization Matting | 920.06 |
| Staples for Type A Soil Stabilization Matting | 920.06.01 |
| Staples and Wood Stakes for Type B Soil Stabilization Matting | 920.06.02 |

The Contractor shall select the soil stabilization matting from the prequalified list of soil stabilization matting maintained by the Office of Materials and Technology.

709.03 CONSTRUCTION. When topsoil is specified for areas where matting is to be placed, the work shall be completed before the soil stabilization matting operation is started. The matting shall be placed within 48 hours after seeding operations have been completed. Matting shall be laid smoothly and firmly upon the seeded surface in the direction of water flow. Stretching shall be avoided.

709.03.01 Placing and Securing Type A Soil Stabilization Matting. Where more than one width of matting is required, the strips shall overlap at least 2 in. Ends shall overlap at least 6 in. The upgrade end of each strip of matting shall be turned down and buried to a depth of not less than 6 in. with the soil firmly tamped against it. Overlapping shall be done with the upgrade section on top. The Engineer may require any other edge exposed to more than normal flow of water to be buried in a similar manner. Edges of matting shall be similarly buried around the edges of catch basins and other structures.

Matting shall be securely fastened in place with staples driven vertically into the soil and flush with the surface. Staples shall be placed on 2 ft centers throughout the mat. Staples shall be placed no more than 18 in. apart in the center of the ditch and along the outside edge of the last mat installed. On all overlapping edges, staples shall be placed 18 in. apart. At all ends of the matting, staples shall be placed 6 in. apart. Mats constructed of wood and hydromulch shall also be watered immediately after stapling to bond the mat with the soil. Water shall be applied so it falls on the mat like a normal rainfall. At no time shall the water be directed from a water or a hydroseeder spray gun in a direct straight line to the mat.

709.03.02 Placing and Securing Type B Soil Stabilization Matting. Matting shall be installed to preclude a longitudinal joint. A longitudinal joint may be installed if approved by the Engineer. Matting shall be securely fastened in place with either staples or wood stakes (fasteners) driven vertically into the soil. Staples shall be driven flush with the matting and wood stakes shall be driven so 3 in. is left above the matting. Staples shall be placed on 2 ft centers throughout the mat. Staples shall be placed no more than 18 in. apart in the center of the ditch and along the outside edge of the last mat installed. On all overlapping edges, fasteners shall be placed 18 in. apart. At all ends of the matting fasteners shall be placed 6 in. apart.

709.03.03 Staple and Fastener Lengths.

| TYPES | REGIONS | |
|-------------|----------------------|----------------------|
| | 1 and 2 | 3 |
| | Length in. (min.) | Length in. (min.) |
| U Staple | 12 | 18 |
| T Staple | 18 Main Leg | 24 Main Leg |
| | 2 Secondary Leg | 2 Secondary Leg |
| Wood Stakes | 12 | 18 |

709.04 MEASUREMENT AND PAYMENT. The matting will be measured and paid for at the Contract unit price for the area actually covered. If the top netting on the Type A matting degrades before the disturbed area is fully stabilized the Contractor shall replace the matting and reseed the affected area at no additional cost to the Administration. The payment will be full compensation for all matting furnished and placed, staples, fasteners, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

709.04.01 Type A Soil Stabilization Matting per square yard.

709.04.02 Type B Soil Stabilization Matting per square yard.

709.04.03 Where required, placing salvaged topsoil, placing furnished topsoil, seeding and mulching, and overseeding will be measured and paid for separately at the Contract unit price for the respective item specified in the Contract Documents.

SECTION 710 — PLANTING TREES, SHRUBS, VINES, AND SEEDLING STOCK

710.01 DESCRIPTION. This work shall consist of furnishing and planting trees, shrubs, vines, and seedling stock and all plant establishment operations to complete the work as specified in the Contract Documents or as directed by the Engineer.